

causing a contrast difference changing the color of the lymphoid tissue from the non lymphoid tissue surrounding it.

(See Attachment 1 A).

- [] 5) Ideal sampling is done ~6 minutes after the application of the Histamine containing eye drops.
- [] 6) The naturally occurring endogenous Histaminease contained within the eye then deactivates the externally applied Histamine, thus returning the lymphoid and non lymphoid tissues to their pre application condition.
- [] 7) The Histamine eye drops does not adversely affect the diagnostic test being used. In the attached example, the histamine did not affect TSE antigen staining or H & E Staining of a diagnostic lymphoid follicle.

(See Attachment 1 B)

Claims

[c]

1) What I claim as my invention is: Adding Histamine phosphate to eye drops making an eye drop solution for diagnostic testing (making aqueous Histamine, Histamine/ Proparacaine, etc)

2) What I claim as my invention is: Using the Histamine containing eye drops to identify lymphoid tissue within the eye, that is sampled/ biopsied for further diagnostic testing.

3) I claim: that the idea for this invention came to me while looking at the inflamed lymphoid tissue in my own eyes. Then upon taking an antihistamine medication to resolve the problem, the idea of making and using a Histamine eye drop to highlight the lymphoid tissue in the eye, would make sampling the correct (lymphoid) tissue easier. (refer to #1 above)

4) I claim: that I have used these Histamine containing eye drops in sheep for the identification of lymphoid tissue sampled for the in-vivo Scrapie diagnostic test. (refer to #2 above)

5) I claim: that the Histamine containing eye drops made my collection of diagnostic viable lymphoid tissue increase from ~65% to ~95%, with other diagnostic clinicians reporting similar improvements in their sampling ability. (refer to #2 above)

6) I claim: that the use of Histamine containing eye drops did not adversely affect the diagnostic test nor harm any of the animals/ species it has been used in. (refer to #2 above)

7) I claim: that I have used the Histamine containing eye drops in deer and elk to identify lymphoid tissue contained within the eye of those species. This lymphoid tissue was identified and collected for in-vivo testing for the Chronic Wasting Disease (CWD) of Deer and Elk. (refer to #2 above)

8) I claim: that these Histamine containing eye drops may be useful to identify lymphoid tissue for sampling in the eyes other animal species and humans; for diseases and diagnostic tests not yet identified, invented or described above. (example: collecting lymphoid tissue for diagnostic testing for Creutzfeldt-Jakob Disease (CJD) and variant Creutzfeldt-Jakob Disease (vCJD) of Humans). (refer to #2 above)